



09778026.023002 #7

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Orest W. Blaschuk et al.
Application No. : 09/778,026
Filed : February 5, 2001
For : COMPOUNDS AND METHODS FOR REGULATING CELL
ADHESION

Art Unit No. : 2811
Docket No. : 100086.402C1
Date : July 30, 2002

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Commissioner for Patents
U.S. Patent and Trademark Office
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FILING FORMAL DRAWINGS

Commissioner for Patents:

Enclosed are 16 sheets of formal drawings, Figures 1-12D, for filing in the
above-identified application.

Respectfully submitted,

Seed Intellectual Property Law Group PLLC

Qing Lin, Ph.D.
(See Copy of Limited Recognition)

QXL:jab

Enclosures:

Postcard

Formal Drawings (16 sheets, Figs. 1-12D)

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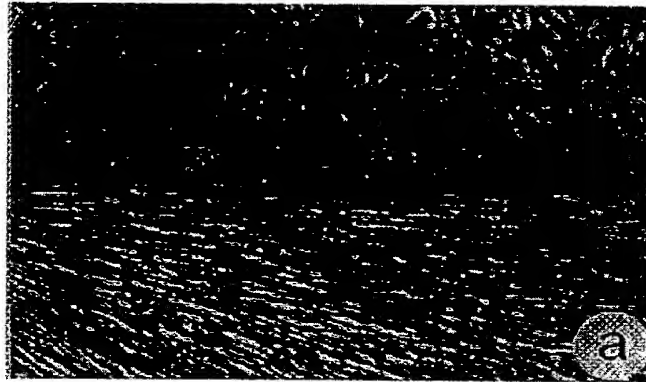
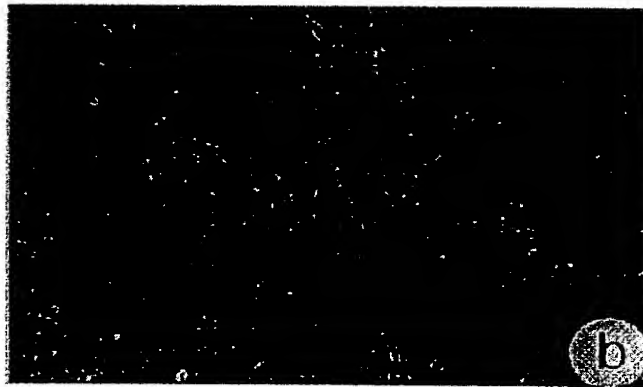
Title: COMPOUNDS AND METHODS FOR REGULATING CELL ADHESION

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Inventor(s): Orest W. Blaschuk et al.

Serial No. 09/778,026

Docket No. 100086.402C1

*Fig. 3A**Fig. 3B*

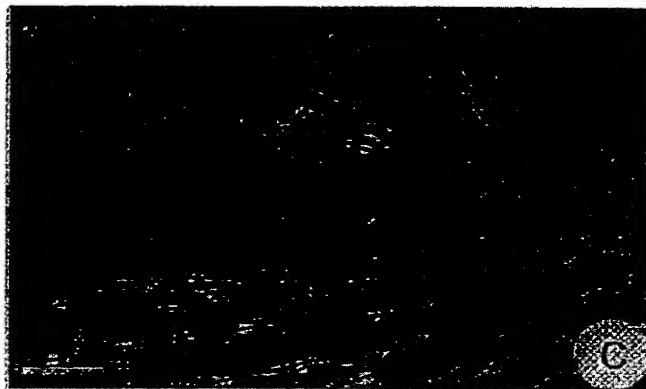
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*Fig. 3C**Fig. 3D*

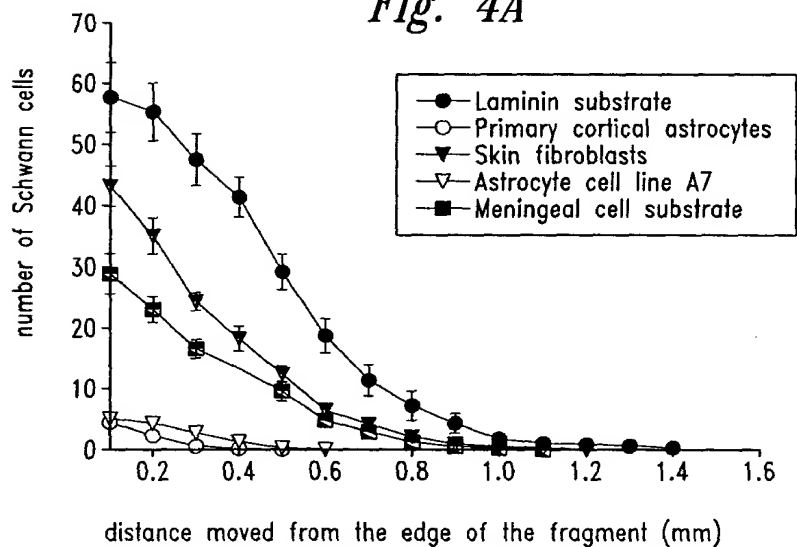
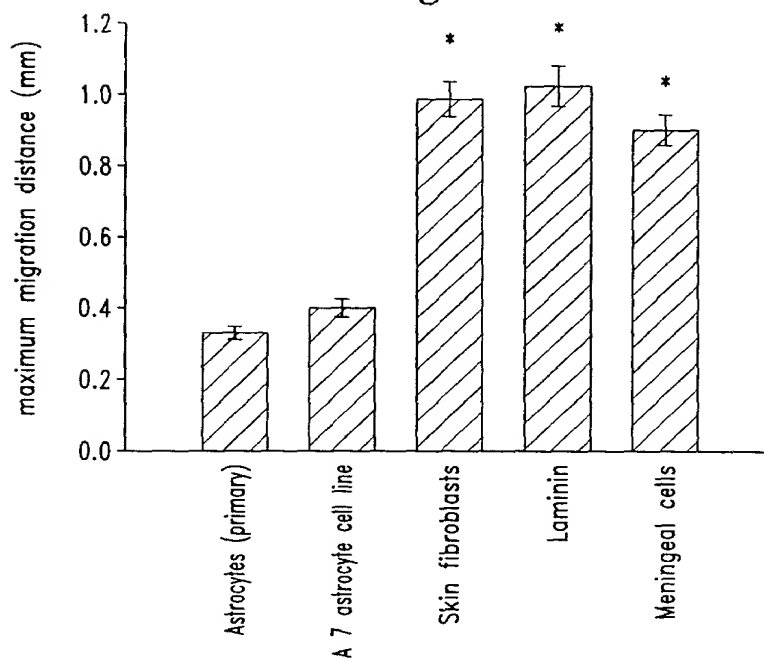
Title CONDITIONS AND METHODS FOR REGULATING CELL ADHESION

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Serial No. 09/778,026

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Fig. 4A*Fig. 4B*

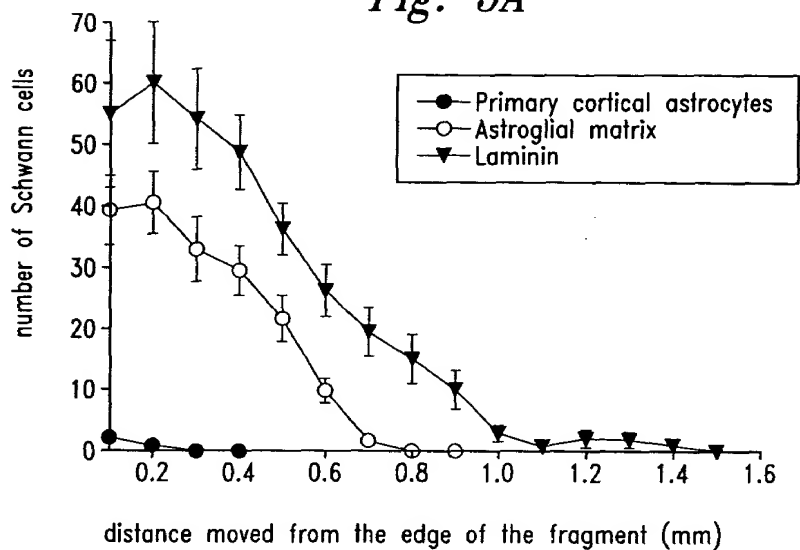
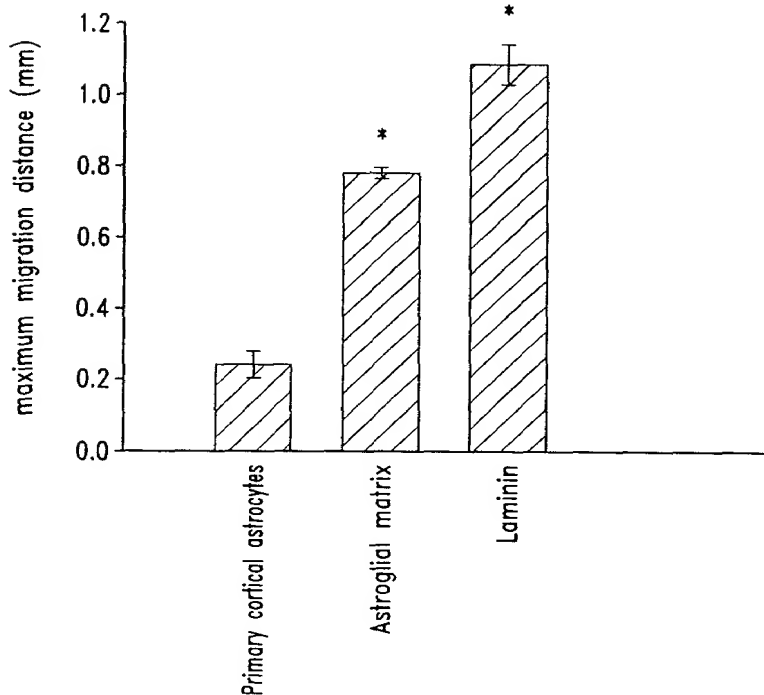
Title COMPOUNDS AND METHODS FOR REGULATING CELL ADHE

Express Mail No. EL897865300US

Inventor(s): Orest W. Blaschuk et al.

Serial No. 09/778,026

Docket No. 100086.402C1

Fig. 5A*Fig. 5B*

Title CONDITIONS AND METHODS FOR REGULATING CELL ADHESION

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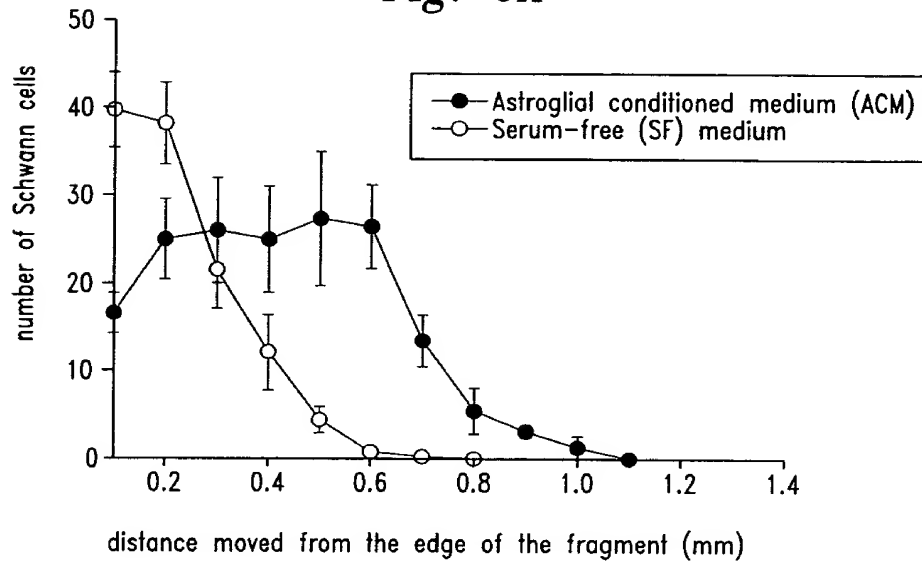
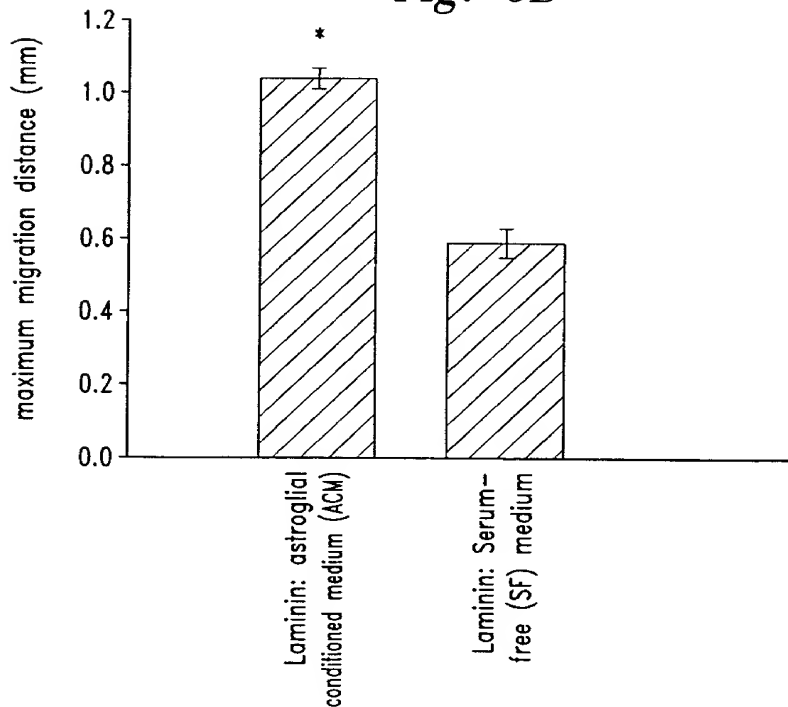
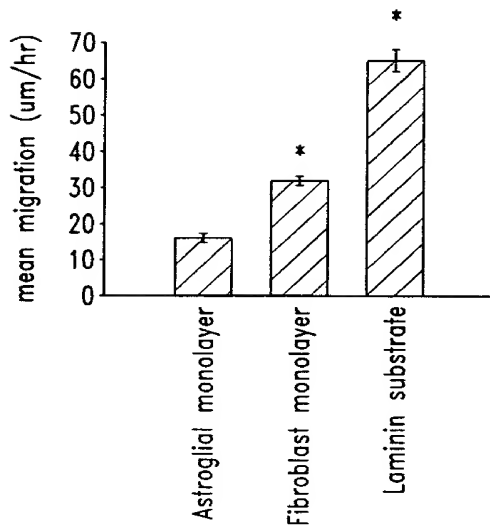
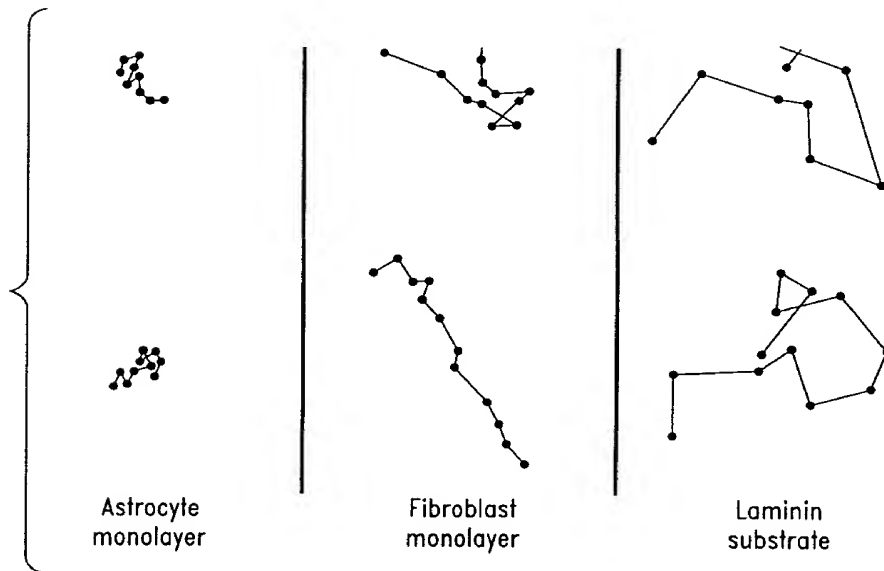
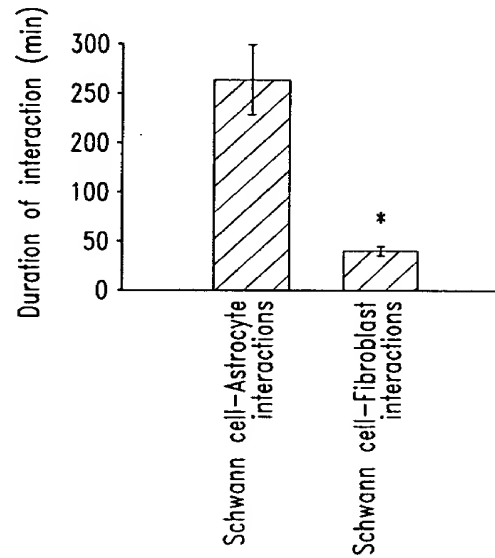
Fig. 6A*Fig. 6B*

Fig. 7A*Fig. 7B**Fig. 7C*

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*Fig. 8A**Fig. 8B*

09778026 . 073002

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Fig. 8C



Fig. 8D



09778026 .073002

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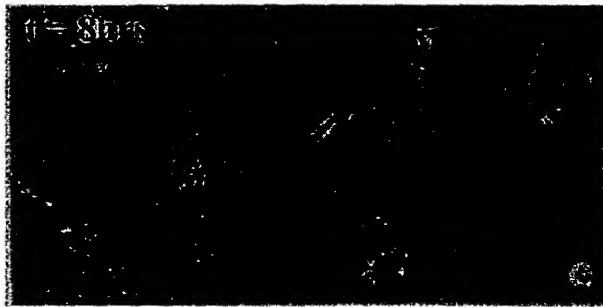


Fig. 8E



Title POUNDS AND METHODS FOR REGULATING CELL ADHESION

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Fig. 9

Schwann cell adhesion to various substrates

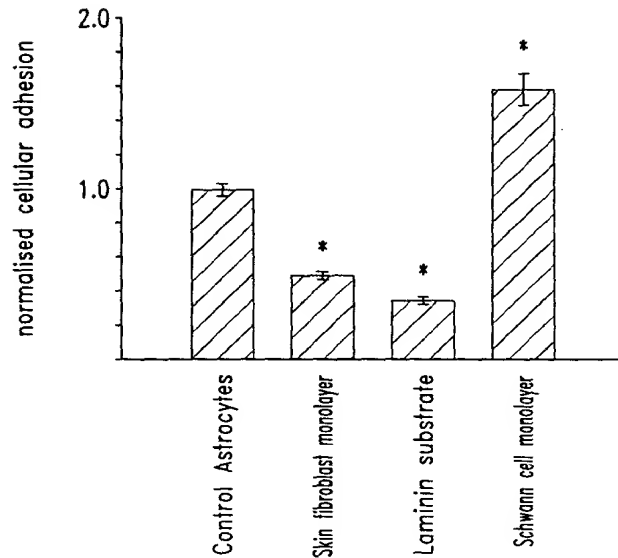
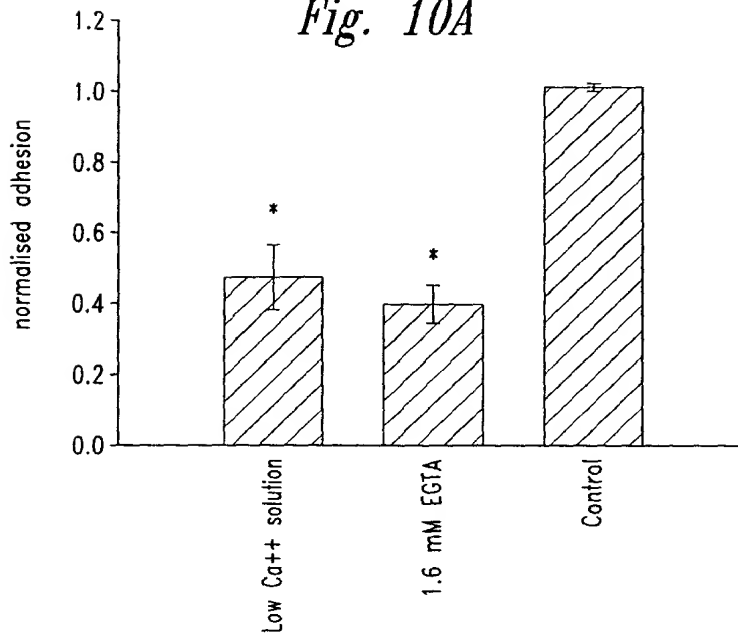
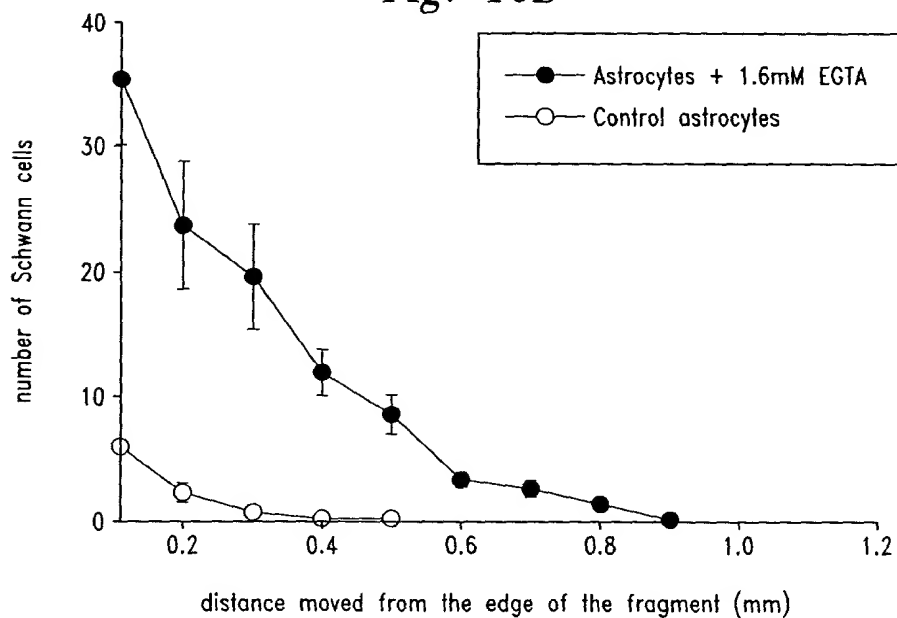
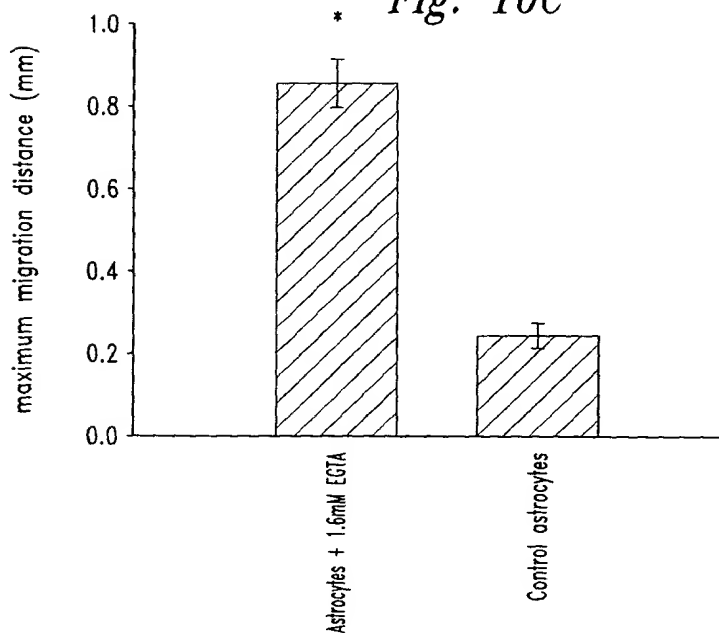
*Fig. 10A*

Fig. 10B*Fig. 10C*

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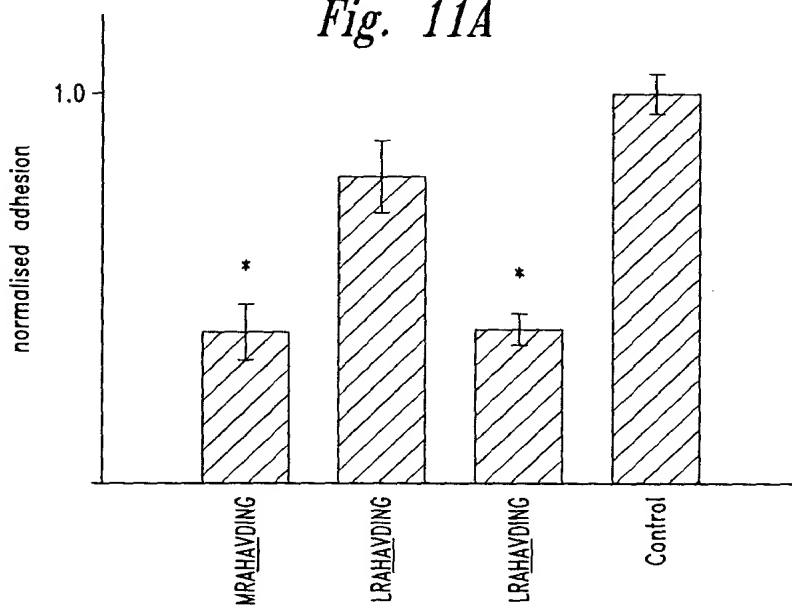
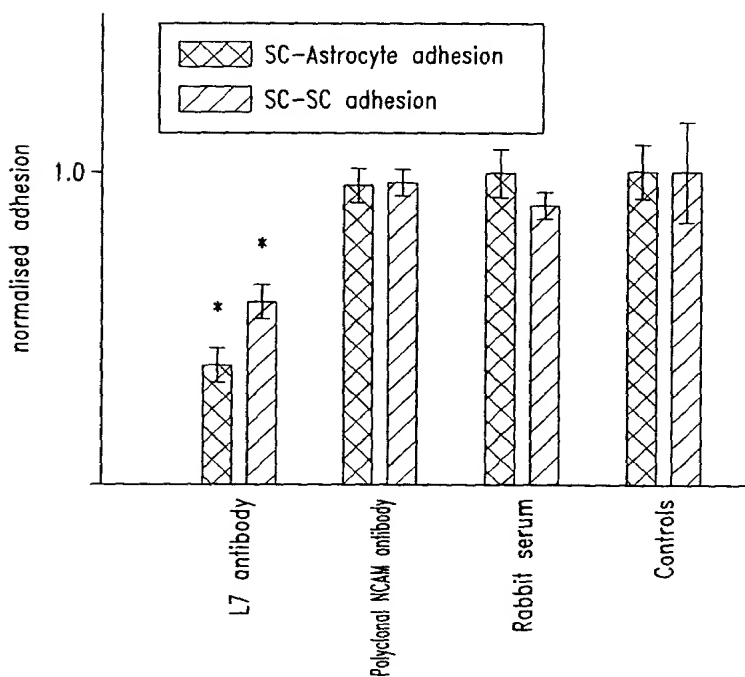
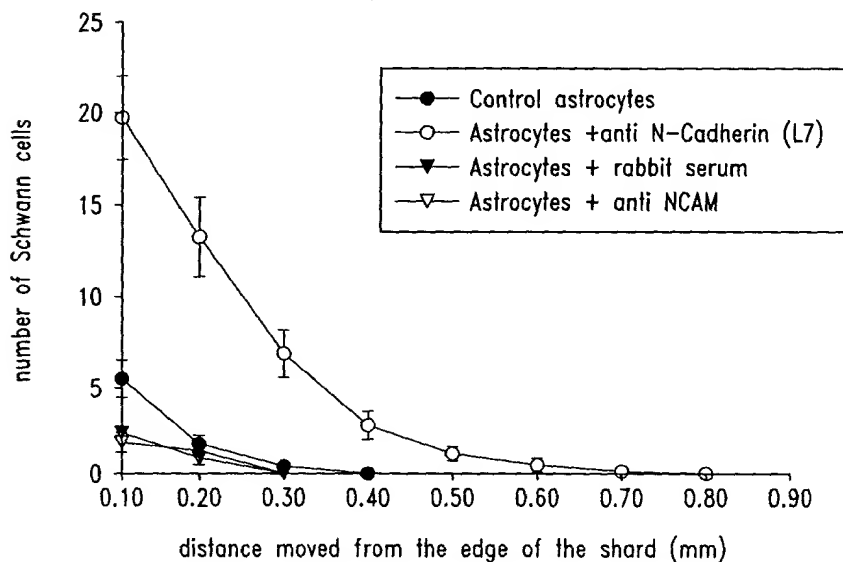
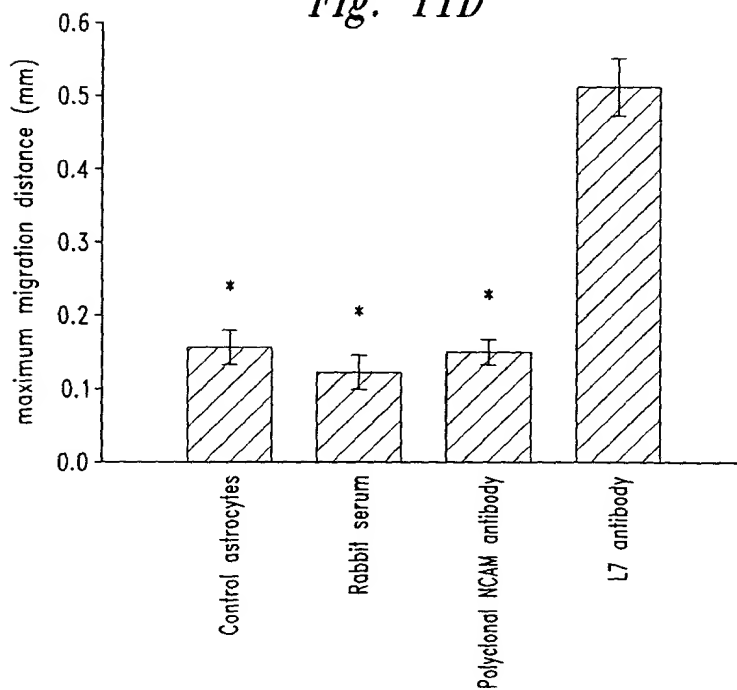
Fig. 11A*Fig. 11B*

Fig. 11C*Fig. 11D*

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Fig. 12A



Fig. 12B



09778026 . 073002

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Fig. 12C

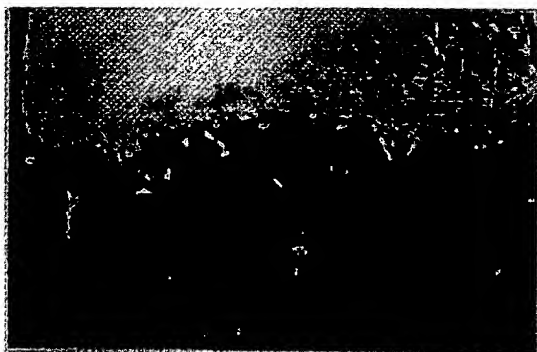


Fig. 12D



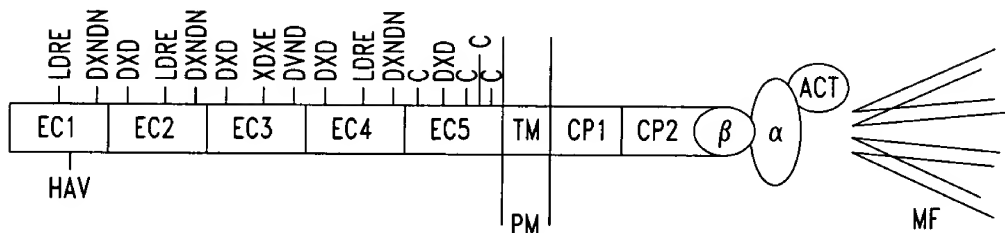


Fig. 1

Fig. 2

human N-cad	DWVIPPINLPENSRGPFQELVRIRSDRDKNLSLRYSVTGPGADQPPTGIFILNPISGQLSVTKPLDREQ
mouse N-cad	DWVIPPINLPENSRGPFQELVRIRSDRDKNLSLRYSVTGPGADQPPTGIFILNPISGQLSVTKPLDREL
cow N-cad	DWVIPPINLPENSRGPFQELVRIRSDRDKNLSLRYSVTGPGADQPPTGIFILNPISGQLSVTKPLDREL
human P-cad	DWVAPISVPENGKGFQRLNQLKSNKDRDRTKTFYSITGPGADSPPEGVFAVEKETGWLLLNKPLDREE
mouse P-cad	EWVMPPIFVPENGKGFQRLNQLKSNKDRGRTKTFYSITGPGADSPPEGVFTIEKESGWLLHMLDREK
human E-cad	DWVIPPISCENEGKGFQRLNQLKSNKDEKGVFYSITGQGADTPPVGVFIERETGWLKVTPLDRER
mouse E-cad	DWVIPPISCENEGKGFQRLNQLKSNRDKETKVFYSITGQGADKPPVGVFIERETGWLKVTQPLDREA

human N-cad	IARFHLRAHVDINGNQVENPIDIVINVIDMNDNRPEF
mouse N-cad	IARFHLRAHVDINGNQVENPIDIDINVIDMNDNRPEF
cow N-cad	IARGHLRAHVDINGNQVENPIDIVINVIDMNDNRPEF
human P-cad	IAKYELFGHAVSENGASVEDPMNISITVTDQNDHKPKF
mouse P-cad	IVKYELFGHAVSENGASVEPMNISITVTDQNDKNPKF
human E-cad	IATYTLFHAVSSNGNAVEDPMEILITVTDQNDKNPEF
mouse E-cad	IAKYILYHAVSSNGEAVEDPMEIVITVTDQNDNRPEF

